PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/581,327

Filing Date: June 1, 2006

Applicant: Hiroji Masuda, et al.

Group Art Unit: 2613

Examiner: Hibret A. Woldekidan

Title: Inline Repeater and Optical Fiber Communication

System

Attorney Docket: 5259-000065/US/NP

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

<u>AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION</u>

Sir:

In response to the Office Action mailed <u>January 12, 2010</u>, please amend the application as follows and consider the remarks set forth below.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 7 of this paper.